

JK

OFFICE COPY HOLD

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

THIRD ORDER LEVELS
SEA LEVEL DATUM OF 1929

FINAL ADJUSTMENT OF 1969

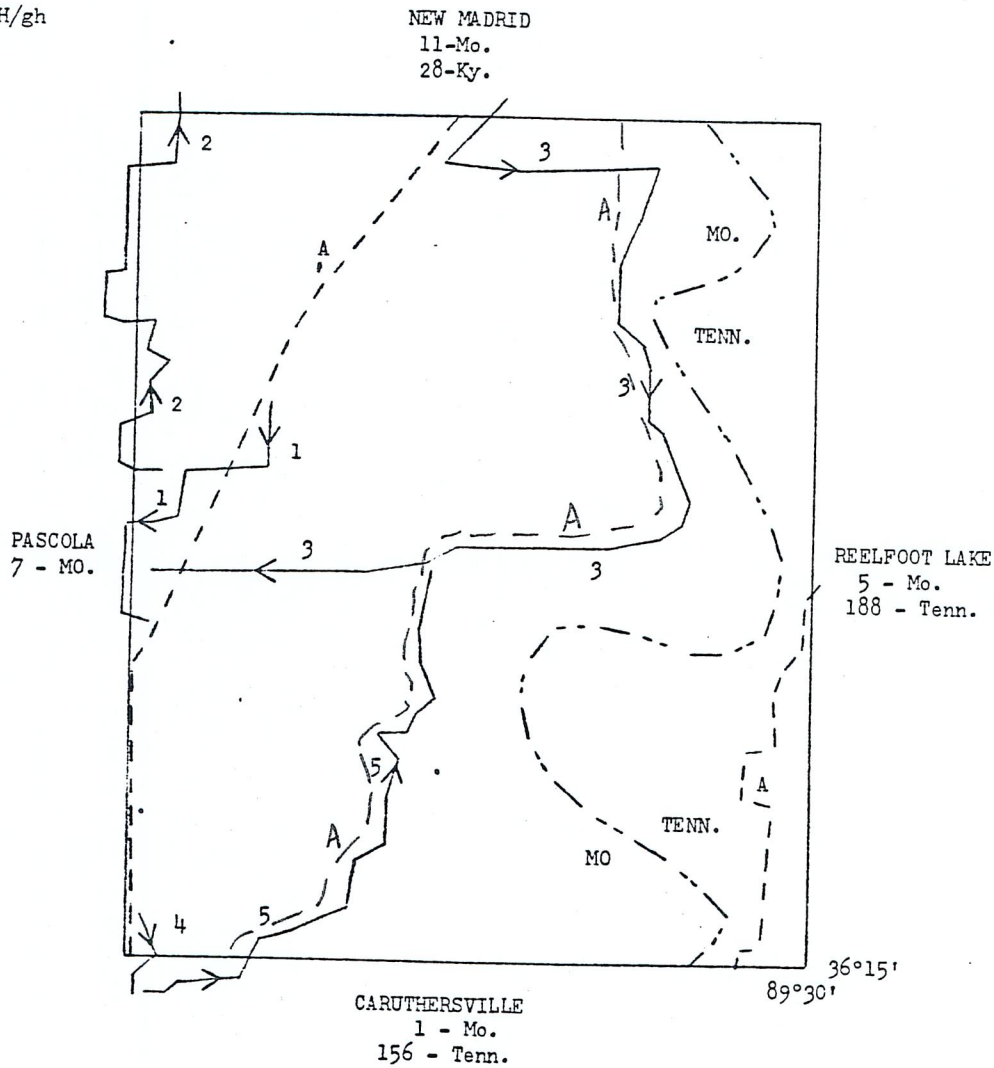
New Madrid and Pemiscott
Counties, Missouri
Lake County, Tennessee

Edition of 2-1-71

PR:AKH /PH/gh

PORTAGEVILLE QUADRANGLE

2A KY
6 - MISSOURI
189 - TENNESSEE
N3615-W8930/15
DIAGRAM NJ 16-10
DYERSBURG



USC&GS VERTICAL CONTROL DATA

A. Quadrangle 360893

UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

THIRD-ORDER LEVELING

Bul. 519

Recopied: 2/13/67 alm

Sea Level Datum of 1912

POINT 5.5 MILES BELOW LESTERS LANDING ALONG MISSISSIPPI RIVER TO
POINT 0.5 MILE BELOW REELFOOT LANDING

Lesters Landing, 6 mi below; 125 ft of rd.; 190 ft of river; in stone post in woods; copper bolt (U. S. Corps of Engineers "PBM 21")	293.392
Tiptonville, 4.0 mi below; 0.3 mi S. of river at triangulation station Riley, which stands on river bank; 0.7 mi N. of public rd.; in stone post in woods; copper bolt (U.S. Corps of Engineers "PBM 24")	280.105
Basses Landing, 1.6 mi above; 492 ft W. of house; 20 ft W. of rd.; on land of Robert Watson now occupied by J. B. George; in stone post in woods; copper bolt (U.S. Corps of Engineers "PBM 25")	280.884
Reelfoot, 0.5 mi below; on land of G. W. Curtis; 262 ft from river; 328 ft N. of Curtis house; in stone post in woods; copper bolt (U.S. Corps of Engineers "PBM 26")	278.235

LINE 1

FEET

F. W. Krueger, 1969; Book CV 2400

PORTAGEVILLE QUAD. - 6 Mo., 189 Tenn.

- 1 33 0.0 At Portageville, on the St. Louis-San Francisco RR., 12¹/₂ rails S. of the station, 69 ft N. of pole 199/01, at a rd. crossing, 88 ft N. of the center of the rd., 71 ft E. of the center of the track, 18 ft W. of the center of a standpipe, and in line with the NW. and SW. piers of the city water tank; USC&GS standard disk stamped "G 27 1933" and set in the top of a concrete post 281.351
- 33 1.2 UE G 27 A, 1.0 mi S. from disk, Tps. 20 and 21 N., Rs. 11 and 12 E., near cor. secs. 1, 6, 31 and 36, 20 ft N., 30 ft E. and 0.5 ft lower than crossroad, on N. concrete headwall of culvert; a chiseled square, painted "UE 627 A" 289.18
- 34 2.2 UE G 27 B, 2.0 mi S. from disk, T. 20 N., Rs. 11 and 12 E., near cor. secs. 1, 6, 7 and 12, 140 ft N., 30 ft E. and 1.4 ft lower than T-rd. W., jct. of State Routes "T" and "YY", on N. end of a N.-S. 30-in. culvert; a punched hole, in a painted square, painted "UE G 27 B" 280.18
- 35 3.1 UE, center of E.-W. rd. at E. rail 281.97
- 35 3.2 UE G 27 C, 2.0 mi S. and 1.0 mi W. from disk, T. 20 N., R. 12 E., near cor. secs. 1, 2, 11 and 12, 20 ft N., 21 ft E. and 2.0 ft lower than T-rd. N., E.-W. rd. is State Route "YY", on N. end of N.-S. 48-in. iron pipe culvert; a punched hole, in a painted square, painted "UE G 27 C" 276.55
- 36 4.2 Portageville, 2.0 mi S. and 2.0 mi W. of, T. 20 N., R. 12 E., near cor. secs. 2, 3, 10 and 11, 40 ft N., 210 ft E. and 0.4 ft lower than crossroad, E.-W. rd. is State Route "YY", 40 ft N. and 28 ft E. of E.-W. rd. at private entrance N., 1 ft N. and 2 ft W. of a telephone pole, approx. 15 ft W. of N. exhaust of 36-in. iron pipe culvert under "YY", in a concrete post; standard tablet stamped "13 FWK 1969 278" and painted "BM" 277.977
- 37 4.2 Reference mark, 200 ft W. of tablet, 25 ft N., 18 ft E. and 3.7 ft lower than crossroad, on E. end of an E.-W. 36-in. iron pipe culvert; a punched hole in a painted square, painted "RM" 274.60
- 38 5.8 UE 13 A, 1.0 mi S. from tablet, T. 20 N., R. 12 E., near cor. secs. 10, 11, 14 and 15, 20 ft N., 30 ft W. and 3.3 ft lower than T-rd. N., 4.2 ft above N.-S. drain along E. side of rd., on W. end of an E.-W. 30-in. iron pipe culvert; a punched hole in a painted square, painted "UE 13 A" 270.73

PASCOLA QUAD. - 7 Mo.

- 39 6.8 UE 13 B, 1.0 mi S. and 1.0 mi W. from tablet, T. 20 N., R. 12 E., near cor. secs. 9, 10, 15 and 16, 28 ft N. of T-rd. S., T-rd. N. offset, 0.1 ft lower than T-rd., on S. side of a power pole; a cotton spindle, painted "UE 13 B" 275.02
- 40 7.8 UE 13 C, 2.0 mi S. and 1.0 mi W. of tablet, T. 20 N., R. 12 E., near cor. secs. 15, 16, 21 and 22, 23 ft N., 10 ft E. and 0.8 ft lower than crossroad, on E. end of 24-in. E.-W. concrete culvert; a chiseled square, painted "UE 13 C" 272.41
- 41 8.8 UE 13 D, 3.0 mi S. and 1.0 mi W. from tablet, T. 20 N., R. 12 E., near cor. secs. 21, 22, 27 and 28, 37 ft N., 20 ft E. and 1.9 ft lower than crossroad, on E. end of an 18-in. E.-W. iron pipe culvert; a punched hole in a painted square, painted "UE 13 D" 270.49

LINE 1 (Cont'd)

PORTAGEVILLE QUAD. - 6 Mo., 189 Tenn. FEET

- 1 42 9.4 E.-W. rd. at RR. 274.7
- 42 9.4 Portageville, New Madrid County, 5.7 mi S. along the S.L.-S.F. RR. from, in Pemiscott County, 65.5 ft N. of pole 204/29, 46.5 ft E. of the center of the track, at the intersection of rds., 38.5 ft S. of the center of the E.-W. rd., and 34 ft W. of the center of the N.-S. rd.; USC&GS standard disk stamped "J 27 1933" and set in the top of a concrete post 270.679

LINE 2

F. W. Krueger, 1969; Book CV 2400

PORTAGEVILLE QUAD. - 6 Mo., 189 Tenn.

- 1 44 0.0 "13 FWK 1969" (described in Line 1) 277.977

PASCOLA QUAD. - 7 Mo.

- 44 1.1 UE 13 AA, 1.0 mi W. along State Route "YY" from tablet, 50 ft S., 450 ft W. and 1.0 ft lower than curve at short angle in side rd. SW., 21 ft N. of E.-W. rd., on SE. side of a 38-in. tree (W. one of two); a cotton spindle, painted "UE 13 AA" (T. 20 N., R. 12 E., near cor. secs. 3, 4, 9 and 10) 274.35

- 45 2.3 UE 13 BB, 1.0 mi N. and 1.0 mi W. from tablet, Tps. 20 and 21 N., R. 12 E., near cor. secs. 3, 4, 33 and 34, 20 ft S., 30 ft W. and 0.8 ft higher than T-rd. S. extended on E. side of a power pole; a cotton spindle; painted "UE 13 BB" 276.44

PORTAGEVILLE QUAD. - 6 Mo., 189 Tenn.

- 46 3.4 Portageville, 0.5 mi S. and 2.5 mi W. of, T. 21 N., R. 12 E., near N. center of secs. 34, 162 ft S., 41 ft W. and same elevation as bridge deck, 11.3 ft above drain, 46 ft W. of N.-S. rd. at private lane E., 4 ft W. of a power pole, in angle formed by guy wire, in a concrete post; a standard tablet stamped "14 FWK 1967 277", painted "BM" 276.899
- 47 3.4 Reference mark, 220 ft N. and 30 ft E. of tablet, 60 ft N. and 10 ft W. and 0.7 ft higher than bridge at drain, 12 ft above drain, on N. end of W. wooden curb of bridge, top of bolt head, in painted square, painted "RM" 277.66
- 48 4.3 UE 14 A, 0.75 mi N. from tablet, T. 21 N., R. 12 E., near center sec. 27, 54 ft E. and 0.3 ft higher than center of curve, on SW. side of a power pole; a cotton spindle, painted "UE 14 A" 277.73

PASCOLA QUAD. - 7 Mo.

- 49 5.1 UE 14 B, 1.5 mi N. from tablet, T. 21 N., R. 12 E., near quarter cor. between secs. 22 and 27, 32 ft S., 20 ft E. and 1.3 ft lower than T-rd. S., on E. end of S. one of two E.-W. 36-in. iron pipe culverts; a punched hole in a painted square, painted "UE 14 B" 273.73
- 50 5.6 UE 14 C, 1.5 mi N. and 0.5 mi W. from tablet, T. 21 N., R. 12 E., near E. sixteenth cor. between secs. 21 and 28, 16 ft S., 89 ft W. and 0.7 ft higher than bridge at Little River, 12.9 ft above drain, E.-W. rd. is State Hwy. 162, on SW. concrete wingwall of bridge; a chiseled cross, painted "UE 14 C" 277.62
- 51 7.0 Portageville, 2.0 mi N. and 3.25 mi W. of, T. 21 N., R. 12 E., near quarter cor. secs. 16 and 21, 42 ft S., 36 ft W. and 1.4 ft lower than T-rd. N., 3 ft S. and 2 ft E. of a power pole, in a concrete post; standard tablet stamped "15 FWK 1969 274", painted "BM" and tagged 273.496

LINE 2 (Cont'd)

PASCOLA QUAD. - 7 Mo.

FEET

1 52 7.0 Reference mark, 82 ft N. and 52 ft E. of tablet, 40 ft S. and 16 ft E. of T-rd. N., on E. end of S. one of two E.-W. 36-in. concrete pipe culverts; a chiseled square, painted "RM" 271.80

53 8.5 UE 15 A, 1.0 mi N. and 0.25 mi E. from tablet, T. 21 N., R. 12 E., near cor. secs. 9, 10, 15 and 16, 11 ft S. of center of culvert; at N.-S. drains, (S. bank of E.-W. drain) 4.8 ft lower than crossing, 2.8 ft above N.-S. drain, on S. end of N.-S. 30-in. iron pipe culvert; (inlet end) a punched hole in a painted square, painted "UE 15 A" 270.30

PORTAGEVILLE QUAD. - 6 Mo., 189 Tenn.

54 9.5 Reference mark, 0.3 mi W. from tablet, 50 ft S. and 9 ft W. of E.-W. rd., State Route "Z", at field rd. S., rd. N. offset, 15 ft lower than rds., on SW. concrete wingwall of culvert; a chiseled square, painted "RM" 271.48

55 9.8 Portageville, 4.0 mi N. and 2.5 mi W. of, T. 21 N., R. 12 E., near quarter cor. between secs. 3 and 10, 31 ft N., 80 ft E. and 1.2 ft lower than E.-W. rd. (State Route "Z") at private entrance N., at the SE. corner of a house yard, 4 ft S. of a power pole, in a concrete post; standard tablet stamped "16 FWK 1969 272", painted "BM" and tagged 271.849

57 10.5 UE 16 A, 0.7 mi E. along State Route "Z" from tablet, T. 21 N., R. 12 E., near cor. secs. 2, 3, 10 and 11, 10 ft N., 45 ft E. and 0.7 ft higher than bridge at drain, 1.4 ft higher than T-rd. N., 6.5 ft above drain (relatively high water this date) on E. end of N. concrete curb of bridge; a chiseled square, painted "UE 16 A" 278.63

58 11.5 UE 16 B, 1.0 mi N. and 0.4 mi E. from tablet, Tps. 21 and 22 N., R. 12 E., near cor. secs. 2, 3, 34 and 35, 71 ft N., 32 ft W. and 1.2 ft lower than N.-S. rd. at drain W., on E. side of a power pole; a cotton spindle, painted "UE 16 B" 272.78

NEW MADRID QUAD. - 11 Mo., 28 Ky.

59 12.5 Portageville, 5.5 mi N. and 2.0 mi W. of; T. 22 N., R. 12 E., near cor. secs. 26, 27, 34 and 35, 27 ft S., 150 ft E. and 1.0 ft lower than crossroad, rd. E. is State Route "EE", 19 ft E. of a power pole, in NW. corner of a house yard, in a concrete post; standard tablet stamped "17 FWK 1969 273", painted "BM" and tagged 273.403

60 12.7 Reference mark, 0.25 mi N. from tablet, 110 ft S., 10 ft W. and 0.2 ft higher than bridge over Little River Ditch, 11.4 ft above drain (high water conditions) center of SW. wooden pier; a cotton spindle driven vertically, painted "RM" 280.46

LINE 3

F. W. Krueger. 1969; Book CV 2400

NEW MADRID QUAD. - 11 Mo., 28 Ky.

2 6 3.4 UE TT 10 B, 2.0 mi SW. along U. S. Hwy. 61 from tablet, Tps. 21 and 22 N., R. 13 E., near W. sixteenth cor. between secs. 2 and 35, 16 ft N., 51 ft E. and 0.9 ft lower than crossroad, center of N. concrete headwall of culvert; a chiseled square, painted "UE TT 10 B" 288.15

PORTAGEVILLE QUAD. - 6 Mo., 189 Tenn.

7 4.1 Marston, 1.7 mi SW. along the S.L.-S.F. RR. from; 1.2 mi NE. of a rd. crossing, at Conran, 134 ft NE. of pole 192/29, at a rd. crossing, 79 ft NE. of the center of the rd., and 77 ft SE. of the center of the track; USC&GS standard disk stamped "E 27 1933" and set in the top of a concrete post 286.394

LINE 3 (Cont'd)

PORTAGEVILLE QUAD. - 6 Mo., 189 Tenn. FEET

- 2 8 5.9 USC&GS Triangulation Station CONRAN 1954, about 5.0 mi NE. of Portageville, and about 3 mi SW. of Marston, in the small village of Conran, at the NW. corner of the Conran School grounds, 68 ft S. of the center of a macadam rd., 38 ft S. of a powerline transformer pole, and 31 ft E. of the NE. corner of a metal garage, set flush and stamped "CONRAN 1954" 286.042
- 9 5.9 Reference mark 1 for Triangulation Station CONRAN 1954, at the S. edge of the school grounds, 16 ft E. of a fence corner post, and 1 ft N. of a fence, set flush and stamped "CONRAN NO 1 1954" 286.030
- 10 7.0 UE CO A, 1.0 mi E. along State Route "M" from station, T. 21 N., R. 13 E., near cor. secs. 2, 3, 10 and 11, 13 ft N., 27 ft E. and 1.5 ft lower than T-rd. N., on E. end of a N.-S. 18-in. iron pipe culvert; a punched hole in a painted square, painted "UE CO A" 286.60
- 11 7.7 UE CO B, 1.7 mi E. along State Route "M" from station, T. 21 N., R. 13 E., near E. sixteenth cor. between secs. 2 and 11, 11 ft N. and 0.7 ft higher than bridge at drain, 11.6 ft above drain, center of N. concrete curb of bridge; a chiseled square, painted "UE CO B" 288.04
- 12 8.5 Reference mark, 0.6 mi N. from tablet, 109 ft N. and 55 ft E. of projected T-rd. S., 0.3 ft higher than T-rd., 11 ft E. of field rd. at drain, 5.0 ft above drain, center of E. concrete headwall of culvert; a chiseled square, painted "RM" 289.04
- 13 8.5 Portageville, 5.75 mi N. and 3.25 mi E. of, T. 21 N., R. 13 E., near S. center of sec. 12, 23 ft S., 35 ft E. and 0.2 ft lower than N.-S. rd. (State Route "M"), at entrance E., 2 ft S. of a power pole, in W. edge of a house yard, in a concrete post; standard tablet stamped "20 FWK 1969 289", painted "BM" and tagged 289.153
- 15 9.1 UE 20 A, 0.6 mi N. and 0.5 mi E. from tablet, T. 21 N., Rs. 13 and 14 E., near cor. secs. 1, 6, 7 and 12, 20 ft N., 20 ft E. and 3.0 ft lower than T-rd. E., on NE. end of NE.-SW. 36-in. iron pipe culvert, S. one of three, a punched hole in a painted square, painted "UE 20 A" 288.81
- 16 10.1 UE 20 B, 0.6 mi N. and 1.5 mi E. from tablet, T. 21 N., R. 14 E., near cor. secs. 5, 6, 7 and 8, 30 ft N., 29 ft E. and 1.1 ft lower than curve in rd. S. and W., about 6 ft SW. of NE. end of 18-in. iron pipe culvert; a punched hole in a painted square, painted "UE 20 B" 293.76
- 17 10.7 Portageville, 3.7 mi N. and 7.5 mi E. of, T. 21 N., R. 14 E., near N. sixteenth cor. between secs. 7 and 8, 70 ft W. of center of levee at milepost 1/2, 17.0 ft lower than levee, at the E. end of a narrow strip of woods, 1 ft E. of a 4 x 4 in. concrete post; a USED tablet in a concrete post, stamped "USED 1/2 A" and painted "BM" 293.873
- 18 11.7 Portageville, 2.75 mi N. and 7.25 mi E. of, T. 21 N., R. 14 E., in NE 1/4 sec. 18, 90 ft W. and 16 ft lower than center of levee opposite milepost "O.N.O.S.", 72 ft N. and 24 ft E. of a power pole, along the E. edge of a field, about 1 ft E. of a 4 x 4 in. concrete witness post; in a concrete post; a USED tablet stamped "O-1 N - O-1 S" and painted "BM" (elev. by USGS) 289.850
- 19 12.5 Reference mark 2 for USC&GS Triangulation Station PLEASANT 1929, 100 ft N. of the center of a graveled rd. and 1 ft W. of a fence line, a USED Bench Mark stamped "BM HIGH WATER GAGE NO 169", projects 4 in. 290.676

LINE 3 (Cont'd)

PORTAGEVILLE QUAD. - 6 Mo., 189 Tenn. FEET

- | | | |
|-----------|---|---------|
| 2 20 12.5 | USC&GS Triangulation Station "PLEASANT 1929, about 8.0 mi ENE. of Portageville and about 5.0 mi SSE. of Marston, 101 ft N. of the center of a graveled rd., 67 ft N. of a powerline pole and 31 ft W. of a fence line, stamped PLEASANT 1929 and is set 6 in. below the surface of the ground | 289.638 |
| 21 13.7 | UE PL A, 1.0 mi S. along State Route "M", T. 21 N., R. 14 E., near cor. secs. 19, 20, 29 and 30, 15 ft E. and 1.4 ft lower than N.-S. rd. at culvert, on E. end of an E.-W. 24-in. iron pipe culvert; a punched hole in a painted square, painted "UE PL A" | 282.32 |
| 22 14.0 | Portageville, 0.75 mi N. and 7.25 mi E. of, T. 21 N., R. 14 E., in NW. portion of sec. 29, 20 ft S., 30 ft E. and 0.6 ft lower than N.-S. rd. at drive W., about 90 ft W. of center of levee at milepost 2-3, in a concrete post; a USED tablet stamped "2/3 A" painted "BM" (elev. by USGS) | 284.292 |
| 23 14.1 | Reference mark, 510 ft S. from tablet, 30 ft E. and 1.3 ft lower than rd., about 90 ft W. of center of levee, 5 ft W. of a fence, in a concrete post; a USED tablet stamped "2/3 B", painted "RM" (elev. by USGS) | 284.92 |
| 24 14.9 | UE 2/3 AA, 0.8 mi S. along State Route "M" from tablet, T. 21 N., R. 14 E., near quarter cor. between secs. 29 and 32, 36 ft S., 33 ft E. and 1.8 ft lower than T-rd. jct. of State Hwy. 162 S. and W. and State Route "M" N., on W. side of a power pole; a cotton spindle, painted "UE 2/3 AA" | 281.38 |
| 25 15.9 | Portageville, 1.0 mi S. and 7.5 mi E. of, Tps. 20 and 21 N., R. 14 E., near quarter cor. between secs. 5 and 32, in the E. yard of a store, 70 ft SE. of NE. corner of a shed, 50 ft W. of T-rd. E. to Linda, in a concrete post; a standard tablet stamped "21 FWK 1969 283" and painted "BM" and tagged | 282.682 |
| 26 15.9 | Reference mark, 70 ft NW. of tablet, 5 ft N. and 6 ft E. of NE. corner of shed, on SE. corner of a 4 x 3 ft concrete foundation; a chiseled square, painted "RM" | 284.19 |
| 27 16.8 | UE 21 A, 1.0 mi NE. along State Hwy. 162, T. 20 N., R. 14 E., near S. sixteenth cor. between secs. 4 and 5, 80 ft due N., and 1.6 ft lower than hwy. at N.-S. drain, on N. end of a N.-S. 36-in. iron pipe culvert; a punched hole in a painted square, painted "UE 21 A" | 283.67 |
| 28 17.7 | Portageville, 2.5 mi S. and 8.5 mi E. of, T. 20 N., R. 14 E., near center sec. 9, 100 ft W. of center of levee at milepost 6/7, 40 ft E. of rd. opposite milepost, 14 ft E. of a fence, 0.3 ft lower than rd., in a concrete post; a USED tablet stamped "6/7 A", painted "BM" (elev. by USGS) | 283.658 |
| 29 18.7 | Reference mark, 0.4 mi NE. along rd. from tablet, 53 ft E. of N.-S. rd. opposite milepost 7-8, 83 ft W. of center of levee opposite milepost 7-8, 36 ft E. of a fence, in a concrete post; USED tablet stamped "7/8 A" painted "RM" | 286.48 |
| 30 19.1 | Portageville, 3.5 mi S. and 8.0 mi E. of, T. 20 N., R. 14 E., near quarter cor. between secs. 16 and 17, 36 ft S. and 0.4 ft lower than E.-W. rd. at field line and drain N., 4 ft S. of a fence, in a concrete post; standard tablet stamped "22 FWK 1969 279" and painted "BM" and tagged | 278.955 |
| 31 19.7 | Portageville, 3.5 mi S. and 7.0 mi E. of, T. 20 N., R. 14 E., near quarter cor. between secs. 17 and 18, 22 ft S. and 430 ft E. of T-rd. N., 118 ft N. of center of levee opposite milepost 8/9, 0.9 ft lower than rd. opposite mark, 1 ft N. of a fence, in a concrete post; a standard tablet stamped "CORPS OF ENGINEERS U S ARMY 8/9 54" painted "BM" (elev. by USGS) | 280.931 |

7
PORTAGEVILLE QUADRANGLE
6 - MISSOURI
189 - TENNESSEE

LINE 3 (Cont'd)

PORTAGEVILLE QUAD. - 6 Mo., 189 Tenn. FEET

- 2 32 20.7 Portageville, 3.5 mi S. and 6.0 mi E. of, T. 20 N., Rs. 13 and 14 E., near quarter cor. between secs. 13 and 18, 43 ft S., 130 ft W. and 0.7 ft higher than E.-W. rd. at field line and ditch N., 107 ft N. of a levee opposite milepost 9-10, 13 ft S. of a fence, in a concrete post; USED tablet stamped "BM 9/10 A," painted "BM" DESTROYED
47c
279.104
- 33 21.5 Portageville, 3.5 mi N. and 5.25 mi E. of, T. 20 N., R. 13 E., in W. center sec. 13, 30 ft S., 116 ft E. and 1.2 ft lower than E.-W. rd., 104 ft N. of center of levee opposite milepost 10/11, 4 ft S. of a fence, in a concrete post; a Corps of Engineers - U S Army BM, stamped "10/11 1954" painted "BM" (elev. by USGS) 279.201
- 34 22.4 Portageville, 3.75 mi S. and 4.25 mi E. of; T. 20 N., R. 13 E., S. center sec. 14, 41 ft S., 7 ft W. and 2.2 ft higher than T-rd. N. (State Route "T") 12 ft S. and 2 ft W. of a fence corner, in a concrete post; standard tablet stamped "23 FWK 1969 283" and painted "BM" and tagged 283.423
- 35 22.4 Reference mark, 200 ft W. from tablet, 67 ft S. and 250 ft W. of T-rd. N., 105 ft N. of center of levee opposite milepost 11/12, 40 ft S. of a fence, on highest point of concrete base of USED BM 11/12 A tipped but solid, painted "RM" (elev. by USGS) 281.48
- 36 23.5 Portageville, 3.75 mi S. and 3.5 mi E. of; T. 20 N., R. 13 E., in S. center sec. 15, 80 ft S., 5 ft W. and 1.7 ft higher than E.-W. rd. at field rd. N., 100 ft N. of center of levee opposite milepost 12/13, 60 ft S. of a fence, in concrete post USED tablet stamped "12/13 A" painted "BM" (elev. by USGS) 280.200
- 37 24.1 Portageville, 4.0 mi S. and 3.0 mi E. of, T. 20 N., R. 13 E., near cor. secs. 15, 16, 21 and 22, 34 ft N., 743 ft W. and 0.4 ft higher than T-rd. W., 34 ft N., 6.0 ft E. and 0.2 ft higher than E.-W. rd. at private drive N., top of a 4-in. iron pipe brass cap stamped "D-36-1-1" painted "BM" (elev. by USGS) 279.471
- 38 25.1 UE D 36 A, 1.0 mi W. from tablet, T. 20 N., R. 13 E., near cor. secs. 16, 17, 20 and 21, 9 ft N., 22 ft W. and 0.9 ft lower than bridge at drain; 0.1 ft above drain, on N. end of W. cross timber of bridge; a cotton spindle driven vertically, painted "UE D 36 A" 278.63
- 39 26.1 UE D 36 B, 2.0 mi W. from tablet, T. 20 N., R. 13 E., near cor. secs. 17, 18, 19 and 20, 9 ft N., 8 ft W. and 1.0 ft lower than bridge at drain, 7.3 ft above drain, on N. end of W. one of two cross timbers of bridge, driven vertically; a cotton spindle, painted "UE D 36 B" 273.71
- 40 27.4 Portageville, 4.0 mi S. of, T. 20 N., Rs. 12 and 13 E., near cor. secs. 13, 18, 19 and 24, 45 ft N. and 220 ft W. and 2.9 ft lower than U. S. Hwy. 61 at rd. W. (NOTE: This lane of Hwy. 61 will probably become the S. bound lane of Interstate 55), 45 ft N. and 16 ft W. of E.-W. rd. at entrance to power substation, 9 ft S. and 16 ft W. of gate to substation, in a concrete post; standard tablet stamped "24 FWK 1969 274" and painted "BM" and tagged 274.219
- 41 27.4 Reference mark, 20 ft S. and 23 ft E. of tablet, 25 ft N. and 12 ft E. of E.-W. rd. at substation entrance, 0.1 ft higher than rd., on E. concrete headwall of culvert; a chiseled square, painted "RM" 274.58
- 42 28.4 UE 24 A, 1.0 mi W. from tablet, T. 20 N., R. 12 E., near cor. secs. 13, 14, 23 and 24, 30 ft S. and 66 ft W. of bridge at drain, 6.0 ft above drain, 30 ft S., 20 ft W. and 0.3 ft higher than crossroad, on N. side of a power pole; a cotton spindle, painted "UE 24 A" 273.36

PORTAGEVILLE QUADRANGLE
6 - MISSOURI
189 - TENNESSEE

LINE 3 (Cont'd)

PORTAGEVILLE QUAD. - 6 Mo., 189 Tenn. FEET

- 2 43 29.4 UE 24 B, 2.0 mi W. from tablet, T. 20 N., R. 12 E., near cor. secs. 14, 15, 22 and 23, 9 ft N., 21 ft W. of bridge at drain, 550 ft W. and 4.7 ft lower than E.-W. rd. at RR. crossing, 1.4 ft lower than bridge deck, 6.6 ft above drain, on N. end of W. cross timber of bridge, driven vertically; a cotton spindle, painted "UE 24 B" 270.96

PASCOLA QUAD. - 7 Mo.

- 44 30.4 UE 13 C (described in Line 1) 272.41

LINE 4

F. W. Krueger, 1969; Book CV 2400

PORTAGEVILLE QUAD.- 6 Mo., 189 Tenn.

- 2 45 0.0 Hayti, about 1.5 mi N. along the S.L.-S.F. RR. from; 61 ft N. of pole 211/5, at a private rd. crossing, 47 ft E. of the center of the track, and 19.5 ft N. of the center of the private rd.; USC&GS standard disk stamped "L 27 1933" and set in the top of a concrete post 266.692

- 45 0.5 UE L 27 A, 0.25 mi E. from disk, T. 19 N., R. 12 E., near center of sec. 27, 20 ft N., 11 ft W. and 0.1 ft higher than bridge at drain, 9.7 ft above drain, on NW. concrete wingwall of bridge; a chiseled cross in a painted square, painted "UE L 27 A" 272.13

CARUTHERSVILLE QUAD. - 1 Mo., 156 Tenn.

- 46 1.6 UE L 27 B, 1.0 mi S. from disk, at the N. city limit of Hayti, at the NW. entrance to a park and zoo, 11 ft N., 22 ft E. and 1.9 ft lower than State Route "P", at entrance E., on N. end of an 18-in. N.-S. concrete culvert; a chiseled cross in a painted square, painted "UE L 27 B" 268.03

- 47 2.1 At Hayti, on the S.L.-S.F. RR., 8 rails N. of the station, 75 ft E. of the pole 212/23, 60 ft S. of the RR. water tank, and 31 ft E. of the center of the track; USC&GS standard disk stamped "M 27 1933" and set in the top of a concrete post 272.913

LINE 5

F. W. Krueger, 1969; Book CV 2400

CARUTHERSVILLE QUAD. - 1 Mo., 156 Tenn.

- 3 26 0.0 "M 27 1933" (described in Line 4) 272.913

- 26 1.2 UE M 27 A, 1.2 mi E. from disk, T. 19 N., R. 12 E., near quarter cor. between secs. 34 and 35, 23 ft N., 56 ft E. and 1.6 ft lower than E.-W. rd. at U. S. Hwy. 61, on N. end of a N.-S. 18-in. concrete pipe culvert; a chiseled square, painted "UE M 27 A" 265.60

- 27 2.2 UE M 27 B, 0.25 mi N. and 2.25 mi E. from disk, T. 19 N., R. 12 E., near N. sixteenth cor. between secs. 35 and 36, 330 ft N., 56 ft E. and 0.8 ft higher than curve in rd. N. and W., 23 ft E. of N.-S. rd., on S. side of a 24-in. tree; cotton spindle painted "UE M 27 B" 272.63

PORTAGEVILLE QUAD.-6 Mo., 189 Tenn.

- 28 3.1 Hayti, 1.0 mi N., 2.25 mi E. of, T. 19 N., R. 12 E., near quarter cor. between secs. 25 and 36, 108 ft W. of center of levee at milepost 23-24, 32 ft E. and 2.2 ft higher than N.-S. rd. opposite mark, 6 ft E. of a fence, top of a 4-in. iron pipe; a brass cap stamped "DEPARTMENT OF THE ARMY CORPS OF ENGINEERS LST FLD 23-24 1949" painted "BM" (elev. by USGS) 273.180

LINE 5 (Cont'd)

PORTAGEVILLE QUAD.-6 Mo., 189 Tenn. FEET

- 3 29 3.6 Hayti, 1.5 mi N. and 3.0 mi E. of, T. 19 N., Rs. 12 and 13 E., in the community of Gayoso, 32 ft N., 85 ft E. and 0.9 ft higher than E.-W. rd. at W. one of two private drives N., 8 ft N. and 20 ft E. of a 36-in. tree, second one E. in a row, in S. edge of an implement storage area, projecting 1 ft; top of a 4-in. iron pipe; brass cap stamped "MISSISSIPPI RIVER COMMISSION BM 27 C RESET 1969", painted "BM" (elev. by USGS) 272.102
- 30 4.5 UE 27 C A, 0.8 mi E. from cap, T. 19 N., R. 13 E., near W. center of sec. 30, 25 ft N. and 2.5 ft lower than E.-W. rd. at culvert, on N. end of a 48-in. iron pipe culvert; a punched hole, in a painted square, painted "UE 27 C A" 269.19
- 31 5.2 UE 27 C B, 1.5 mi E. from cap, T. 19 N., R. 13 E., near N. sixteenth cor. between secs. 29 and 30, 9 ft S., 9 ft W. and 1.2 ft lower than bridge at drain, 16 ft above drain, on S. end of cross timber driven vertically; a cotton spindle, painted "UE 27 C B" 271.96
- 32 6.3 UE 27 CC, 1.25 mi N. and 2.0 mi E. from cap, T. 19 N., R. 13 E., near center sec. 20, 17 ft S., 17 ft E. and 1.0 ft lower than N.-S. rd. at private lane W. and row of trees E., on S. end of a 12-in. N.-S. iron pipe culvert; a punched hole in a painted square, painted "UE 27 CC" 271.04
- 33 6.8 Hayti, 3.0 mi N. and 4.5 mi E. of, T. 19 N., R. 13 E., near quarter cor. between secs. 17 and 20, 35 ft W. and 0.7 ft higher than T-rd. E. and row of trees W., 8 ft E. of E. tree in row, in a concrete post; standard tablet stamped "35 FWK 1969" painted "BM" and tagged 273.705
- 34 6.9 Reference mark, 177 ft E. and 26 ft N. of tablet, 26 ft N. of rd., on S. side of a six-in. tree; a cotton spindle, painted "RM" 273.24
- 35 8.0 UE 35 A, 0.5 mi N. and 0.5 mi E. from tablet, T. 19 N., R. 13 E., near quarter cor. between secs. 16 and 17, 8 ft N. and 47 ft E. of N.-S. rd. at E.-W. timber line, 0.2 ft higher than rd., on W. side of an 18-in. tree; a cotton spindle, painted "UE 35 A" 272.84
- 36 9.1 UE 35 B, 1.5 mi N. and 0.5 mi E. from tablet, T. 19 N., R. 13 E., near N. sixteenth cor. between secs. 8 and 9, 13 ft W. and 3.2 ft lower than culvert at drain, on W. end of a 60-in. iron pipe culvert; a punched hole in a painted square, painted "UE 35 B" 269.40
- 37 9.7 Hayti, 5.5 mi E. and 5.0 mi N. of; 269 ft N., 34 ft E. and 1.3 ft lower than T-rd. N., T. 19 N., R. 13 E., in SE. cor. sec. 5, 2 ft E. of a power pole, in NE. corner of a house yard, in a concrete post; standard tablet stamped "36 FWK 1969 278" painted "BM" and tagged 278.498
- 38 9.7 Reference mark, 50 ft S. and 40 ft E. from tablet, on NW. corner of lowest concrete step to porch of house; a chiseled square, painted "RM" 277.83
- 39 11.1 UE 36 A, 1.0 mi N. and 0.5 mi E. of; T. 20 N., R. 13 E., near S. center sec. 33, 20 ft N., 20 ft E. and 1.7 ft lower than T-rd. E., on N. end of a 24-in. iron pipe culvert; a punched hole, in a painted square, painted "UE 36 A" 272.13
- 40 11.9 Reference mark No. 3, 22 ft E. of the center of the graveled rd. and 1 ft W. of a N.-S. fence line, projects 5 in. and is stamped "STEWART NO 3 1929" 279.694
- 41 12.0 Reference mark, USED 15/16 A, 523 ft N. and 20 ft E. of disk, 1 ft E. of a fence, 20 ft E. of N.-S. rd., 1 ft S. of a 4 x 4 in. concrete witness post, in a concrete post; USED tablet stamped "15/16A" painted "RM" (elev. by USGS) 277.538

LINE 5 (Cont'd)

PORTAGEVILLE QUAD.-6 Mo., 189 Tenn. FEET

- 3 42 12.5 Azimuth Mark for Triangulation Station STEWART, 36 ft N. of the center of a
graveled rd., 29 ft W. of a gravelled rd., 1.5 ft E. of a witness post and 1 ft
S. of a fence corner, projects 5 in. and stamped "STEWART 1929 RESET 1953" 278.107
- 43 12.9 Reference mark 14/15 1954, 467 ft S. of B.M., 25 ft E. and same elevation as rd.,
in a concrete post; a tablet stamped "CORPS OF ENGINEERS US ARMY REF 14/15, 1954"
painted "RM" (elev. by USGS) 279.278
- 44 13.0 Hayti, 7.5 mi N. and 6.0 mi E. of; T. 20 N., R. 13 E., near quarter cor.
between secs. 27 and 28, 210 ft N., 24 ft E. and same elevation as N.-S. rd.
at private rd. W., 106 ft W. of center of levee at milepost 14/15, in the
fence line, in a concrete post; tablet stamped "CORPS OF ENGINEERS US ARMY
BM 14/15 1954" and painted "BM" (elev. by USGS) 278.991
- 45 13.9 Reference mark, 13/14 1954, 522 ft S. of BM, 27 ft E. and 0.7 ft higher than
rd. opposite mark, 3 ft E. of a fence, in a concrete post; tablet stamped
"CORPS OF ENGINEERS US ARMY 13/14 REF", painted "RM" (elev. by USGS) 278.424
- 46 14.0 Hayti, 8.5 mi N. and 6.0 mi E. of, T. 20 N., R. 13 E., near quarter cor.
between secs. 21 and 22, 50 ft E. and 2.2 ft higher than rd. opposite tablet,
100 ft W. of center of levee at milepost 13/14, 24 ft E. of a fence, in a
concrete post; USED tablet stamped "13/14 A" painted "BM" (elev. by USGS) 279.835
- 47 14.6 "USED D-36-1-1" (described in Line 3) (elev. by USGS) 279.471

LINE 6

F. W. Krueger, 1969; Book CV 2400

PORTAGEVILLE QUAD.-6 Mo., 189 Tenn.

- 3 49 0.0 "G 27 1933" (USC&GS) (described in Line 1) 281.351
- 49 1.1 UE G 27 AA, 1.25 mi N. from disk, along U. S. Hwy. 61, T. 21 N., R. 13 E.,
near N. center of sec. 30, 130 ft N., 30 ft E. and 1.4 ft lower than hwy. at
S. entrance to Federal Compress Warehouse, on N. end of a 24-in. iron pipe
culvert; a punched hole, in a painted square, painted "UE G 27 AA" 282.35
- 50 2.2 Portageville, 1.5 mi N. and 1.0 mi E. of; T. 21 N., R. 13 E., near quarter
cor. between secs. 19 and 20, 210 ft N., 35 ft E. and 3.3 ft lower than
N.-S. rd. at RR., 21 ft W. of a power pole, in a concrete post; a USC&GS
Triangulation Station disk stamped "LAFONT 1954", painted "BMA" (NOTE:
Point held is highest part of tablet, since post was found tipped) 284.195
- 51 2.8 Portageville, 2.0 mi N. and 1.5 mi E. of; T. 21 N., R. 13 E., near quarter
cor. between secs. 17 and 20, 13 ft S., 70 ft W. and 1.2 ft lower than
U. S. Hwy. 61 at rd. E., 50 ft E. of main line of RR., in a concrete post;
standard USC&GS disk stamped "F 27 1933 RESET 1969" and painted "BM"; tagged
(elev. by USGS) 284.433
- 52 3.5 UE F 27 A, 0.7 mi N. along U. S. Hwy. 61 from disk, T. 21 N., R. 13 E., in
SE. cor. sec. 17, 92 ft N., 17 ft W. and 0.5 ft higher than crossroad, 30 ft N.,
17 ft W. and 0.5 ft higher than bridge, 8.5 ft above drain, on SW. wingwall of
concrete bridge; a chiseled square, painted "UE F 27 A" 287.66
- 53 4.2 UE F 27 B, 1.5 mi N. along U. S. Hwy. 61 from disk, T. 21 N., R. 13 E., near
quarter cor. between secs. 9 and 16, 25 ft W. of bridge at drain, 0.4 ft
higher than bridge, 9.5 ft above drain, on SW. concrete wingwall of bridge; a
chiseled square, painted "UE F 27-B" 289.48
- 54 5.4 Reference Mark 1 for Triangulation Station CONRAN 1954 (described in Line 3) 286.030

PUBLICATION COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

THIRD ORDER CONTROL
NORTH AMERICAN DATUM OF 1927

New Madrid and Pemiscott
Counties, Missouri; Lake County,
Tennessee

PORTAGEVILLE QUADRANGLE
6 MISSOURI - 189 TENNESSEE
N3615-W8930/15
DIAGRAM NJ 16-10
DYERSBURG

Adjusted Positions Subject
to Revision

Edition of 5/6/70
PR: RLM/GH/ph

Approx. Magnetic Declination
(1965) $4^{\circ}30'$ E.
Annual Change $4.5'$ W.

Azimuths to reference points are
Geographic Azimuths reckoned
clockwise from true South except
where otherwise noted.

To obtain Geographic Azimuths apply
a correction to the GRID Azimuth of:

	EAST	WEST
MO.	$+35^{\circ}28.72''$	$+44^{\circ}00.90''$
TENN.	$-2^{\circ}04'10.51''$	$-2^{\circ}03'02.68''$

Plane Coordinates are based on
Transverse Mercator Projection,
Missouri, East Zone and Lambert
Projection, Kentucky South Zone.

NEW MADRID
11 MO.

PASCOLA
7 MO.

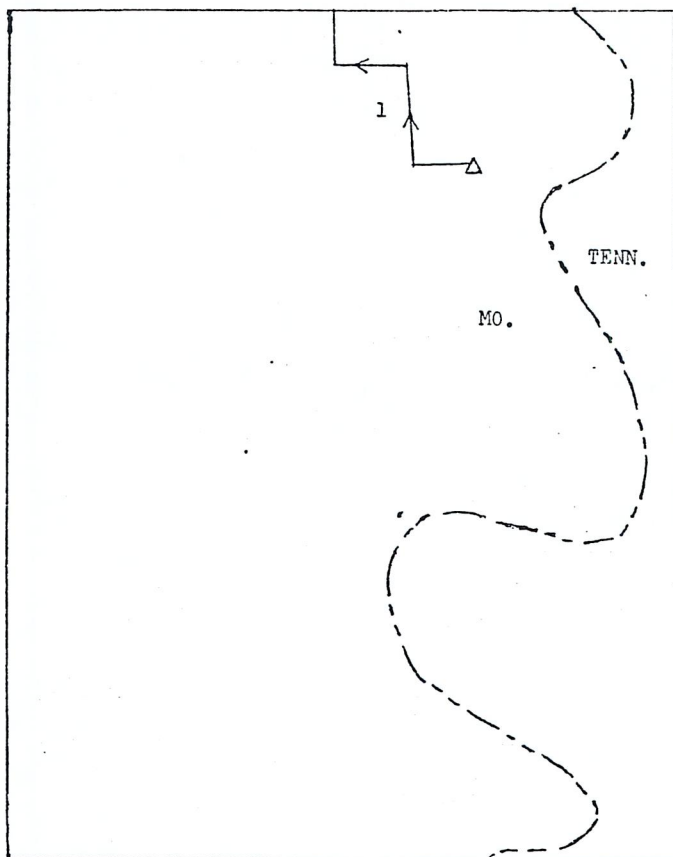
REELFOOT LAKE
5 MO.
188 TENN.

Mo. East Zone
X = 721,149
Y = 152,526

CARUTHERSVILLE
1 MO.

$89^{\circ}30'$

$36^{\circ}15'$



2
PORTAGEVILLE QUADRANGLE
6 MISSOURI - 189 TENNESSEE

STATION	DESCRIPTION	PLANE COORDINATES		LATITUDE ° ' "	LONGITUDE ° ' "
		X	Y		

LINE 1

T. W. Cayce, 1950; Book CH-176 a

100.	USC&GS Triangulation Station PLEASANT, 1929				
	Mo. E.	772,607.42	227,393.86	36 27 15.909	89 34 23.050
	Ky. S.	875,823.45	66,833.88		
	Tenn.	949,341.01	769,926.75		
101.	Reference Mark 1 for USC&GS Triangulation Station PLEASANT is 19 ft S. of the center of a graveled rd. and 11 ft W. of the NW. cor. of a house. It is stamped "PLEASANT NO 1 1929" and is set flush	772,590	227,275	36 27 14.74	89 34 23.28
		875,800	66,717		
		949,318	769,809		
103+.	T-rd. S.	768,711	227,259	36 27 14.94	89 35 10.76
		871,925	66,894		
		945,442	769,971		
105a.	T-rd. N. (New Madrid County Rds. "M" & "KK")	765,136	227,233	36 27 15.02	89 35 54.51
		868,353	67,047		
		941,871	770,111		
107.	USED "R 7 141" (No description available)	764,752	229,891	36 27 41.34	89 35 58.91
		868,103	69,722		
		941,609	772,784		
110+.	T-rd. W.	764,615	235,595	36 28 37.75	89 35 59.93
		868,252	75,425		
		941,736	778,488		
115.	Canran, Missouri, Post Office, 0.2 mi E. of along gravel rd. to crossroads (U. S. Hwy. 61 and New Madrid County Rd. "M"), thence 1.5 mi E. along New Madrid County Rd. "M", about 200 ft W. of W. end of steel bridge over drain ditch, 38 ft N. and 20 ft E. of T-drive N., 3 ft S. of telephone pole, in concrete post, standard tablet stamped "TT 8 TWC 1950" Azimuth mark to N. edge of window frame of most northerly of two windows on E. side of small white frame house about 1.0 mi distant: 275°18'45"	760,033	238,005	36 29 02.00	89 36 55.76
		863,796	78,062		
		937,269	781,106		
120+.	Crossroads	756,522	241,967	36 29 41.49	89 37 38.31
		860,487	82,194		
		933,945	785,226		

DISCLAIMER

WE NO LONGER CERTIFY THAT ALL HORIZONTAL POSITIONS
ESTABLISHED BY TRANSIT TRAVERSE SURVEYS MEET THIRD-ORDER
STANDARDS. THEY ARE LISTED FOR IDENTIFICATION PURPOSES
ONLY.